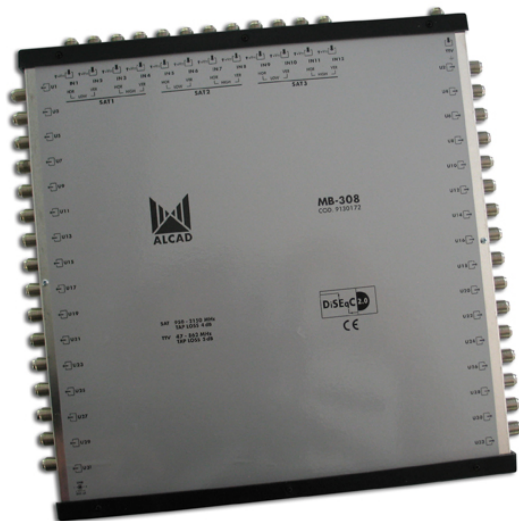


913 MULTISWITCHES

13X32 FINAL MULTISWITCH, EU PSU



Code : **9130172**

Model : **MB-308**

Description

Final multiswitches for 12 polarities and terrestrial TV with 8, 12 and 16 outputs. The outputs are amplified in the satellite IF band. In the terrestrial band they can be configured to function in either active or passive mode. Need to be powered from each individual receiver so that the switching and the amplification of each derived output will function correctly. The external power supply units provide the required voltage to the LNBs for them to function properly.

Applications

Medium-sized collective satellite and terrestrial TV installations. Installed individually, they can distribute to as many as 16 TV outlets. When combined with cascable multiswitches, with intermediary amplifiers in place, it is possible to distribute to 64 outlets on a single line.

Characteristics

Shielded metal chassis with plastic supports. F-type connectors. Power supply connector is a 9.5 x 2.1 mm jack to feed the LNBs.

CODE	9130082				9130083		9130172	
MODEL		MB-305		MB-306		MB-308		
TV system		FM-TV / DVB-S / AM-TV / DVB-T						
Connection		F female						
Inputs		13						
Tap outputs		20		24		32		
Frequency range	MHz	47-862	950-2150	47-862	950-2150	47-862	950-2150	
PASSIVE MODE								
Tap loss	dB±TOL	22 ±2.0	2 ±2.0	20 ±2.0	2 ±2.0	24 ±2.0	5 ±2.0	
Output level	dBµV	-	100 (IMD ₃ -35 dB) 90 (IMD ₂ -35 dB)	-	100 (IMD ₃ -35 dB) 90 (IMD ₂ -35 dB)	-	100 (IMD ₃ -35 dB) 90 (IMD ₂ -35 dB)	
ACTIVE MODE								
Tap loss	dB±TOL	2 ±2.0	2 ±2.0	2 ±2.0	2 ±2.0	4 ±2.0	5 ±2.0	
Output level	dBµV	95 (DIN 45004B)	100 (IMD ₃ -35 dB) 90 (IMD ₂ -35 dB)	95 (DIN 45004B)	100 (IMD ₃ -35 dB) 90 (IMD ₂ -35 dB)	95 (DIN 45004B)	100 (IMD ₃ -35 dB) 90 (IMD ₂ -35 dB)	
ACTIVE / PASSIVE MODE								
Tap equalization	dB	1	2	1	2	1	2	
Rejection between bands	dB	> 25 TV/SAT > 65 SAT/TV						
Isolation between users	dB	> 25 TV > 30 SAT						
Isolation of switching	dB	> 30 TV/SAT						
Switching the outputs		DiSEqC 2.0 14V $\overline{\text{---}}$ / 18V $\overline{\text{---}}$ 0/22 kHz						
Power supply of the LNB		2050 mA / 13 V $\overline{\text{---}}$						
Output voltage	V $\overline{\text{---}}$	13 V $\overline{\text{---}}$						
Consumption from the receiver	mA	42 ±2.0 (14/18V $\overline{\text{---}}$)						
Operating temperature close to equipment	°C	-10..+65						
Room temperature with/without fan	°C	-10..+55/+45						
Protection index		IP 30						
Units per packing		1	5	1	5	1	10	
Packing weight	Kg	1.70	9.03	1.72	9.13	1.81	18.2	
Packing dimensions	mm	395 x 245 x 55	400 x 290 x 270	395 x 245 x 55	400 x 290 x 270	383 x 315 x 44	405 x 335 x 460	